KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	n Flow		_	(See Instruct	ions on Re	verse Side	·)				
= :	verabilty			Test Date 10/02/20		,			No. 15 29-10126 – 4	000		
Company MERIT EI	NERGY	COMPANY				Lease MURPH	IY C			· 1	Well Number	
County MORTON	1	Locatio	n . & 1320 FWL	Section 14			TWP 32		RNG (E/W) 41		Acres Attributed 640	
Field RICHFIEL	LD			Reservoir			-	Gas Gath	ering Connec			
Completion 03/21/196				Plug Bac 5179	k Total Dept	h	***************************************	Packer Se	et at			
Casing Siz	:e	Weight 15.5#		Internal (4.95	Internal Diameter 4.95		Set at 5244		Perforations 5082		,	
Tubing Siz 2.375	e	Weight 4.7		Internal Diameter 1.995		Set at 5099		Perforations NA		To NA		
Type Comp SINGLE		Pescribe)		Type Flui WATE	d Production	l		Pump Uni YES	t or Traveling P	lunger? Yes	/ No	
Producing CASING		nulus / Tubing)	% C	Carbon Dioxid	de		% Nitroge	en .	Gas Gi	ravity - G _g	
	ertical Depth(H) 163				Pressure Taps FLANGE			(Meter Run) (Prover) Size				
	Buildup:	Shut in 10/0	01/2013 2	0at_9			Taken_10	0/02/201	3 20 _		AM (AM) (PM)	
Well on Lir											(AM) (PM)	
					OBSERVE	D SURFAC	E DATA			uration of Shut	-in Hours	
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead Pre (P _w) or (P _t) or		(P_w) or (P_t) or (P_c)		Duration Liquid Production (Hours) (Barrels)	Liquid Produced (Barrels)	
Shut-In	1.5		2			psig	psia 3	psig	psia 3	24		
Flow												
Dist		Circle one:	b	*	FLOW STR		IBUTES	· ·				
Plate Coeffiecie (F _b) (F _p Mcfd		Meter or rover Pressure psia	Press Extension P _m xh	Grav Fac F	tor T	Flowing emperature Factor	Fa	iation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	eet/ Fluid	
(P _c) ² =	:	(P _w) ² =_	:	(OPEN FL	OW) (DELIVI) CALCUL ² 。- 14.4) +		:	(P _a)	$0)^2 = 0.207$ $0)^2 = 0.207$	
(P _c) ² - (P _c) or (P _c) ² - (P _c)		P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ fivided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide		Backpre Sloj As	ssure Curve pe = "n" - or signed lard Slope	n x l	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			, c w	-								
									,			
Open Flow	, ·		Mcfd @ 14.	65 psia		Deliverab	oility		M	cfd @ 14.65 ps	ia	
		ed authority, on ein, and that sa				•			e above report	· · · · · · · · · · · · · · · · · · ·	as knowledge of	
	00 01010	, and mat 3a			Excouled				m	.ep		
		Witness (if	any)			-			For Con	npany ·	KCC W	
		For Commi	ssion			-			Checke	d by	NOV 1	
•											·	
											REC	

e un fina	
ೆ ಓಟರಿ I declare under penalty	of perjury under the laws of the state of Kansas that I am authorized to request
	A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY
and that the foregoing pres	sure information and statements contained on this application form are true and
correct to the best of my kno	owledge and belief based upon available production summaries and lease records
of equipment installation and	d/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-y	year exemption from open flow testing for the MURPHY C #1
gas well on the grounds tha	t said well:
(0)	
(Check one)	
<u></u>	bed methane producer
is cycled	on plunger lift due to water
is a sour	ce of natural gas for injection into an oil reservoir undergoing ER
is on vac	ruum at the present time; KCC approval Docket No.
✓ is not ca	pable of producing at a daily rate in excess of 250 mcf/D
is not ca	pable of producing at a daily rate in excess of 250 mcf/D
	pable of producing at a daily rate in excess of 250 mcf/D y to the best of my ability any and all supporting documents deemed by Commissio
I further agree to supply	
I further agree to supply	y to the best of my ability any and all supporting documents deemed by Commissio
I further agree to supply staff as necessary to corrob	y to the best of my ability any and all supporting documents deemed by Commissio
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I further agree to supply	y to the best of my ability any and all supporting documents deemed by Commissio porate this claim for exemption from testing.

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.